

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2002-0009

FOR

MONTE RIO WASTEWATER TREATMENT FACILITY

Sonoma County

MONITORING

Influent Monitoring

All influent samples shall be collected at a point following screening and before the Sequencing Batch Reactor.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/L	grab	monthly
TSS	mg/L	grab	monthly
Settleable Solids	mL/L	grab	monthly
Flow	mgd	meter	continuous
Total Kjeldahl Nitrogen	mg/L	grab	monthly
Nitrate-Nitrogen	mg/L	grab	monthly
pH	pH units	grab	monthly
Dissolved Oxygen	mg/L	grab	monthly
Total Flow	mgd		daily

Effluent Monitoring

Samples shall be collected at a point of discharge between disinfection and the leachfield dosing tank.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/L	grab	twice monthly
TSS	mg/L	grab	twice monthly
Settleable Solids	mL/L	grab	twice monthly
Flow	mgd	meter	continuous
Total Kjeldahl Nitrogen	mg/L	grab	twice monthly
Nitrate-Nitrogen	mg/L	grab	twice monthly
pH	pH units	grab	twice monthly
Fecal Coliform			
Organisms	MPN/100 ml	grab	weekly
Total Coliform			
Organisms	MPN/100 ml	grab	twice monthly

Groundwater Monitoring

Depth to groundwater, in feet below trench bottom, shall be measured at the monitoring wells located within the leachfields in use according to the following schedule.

Minimum Measurement Frequency

<u>Time Period</u>	<u>When Depth>5 feet</u>	<u>When Depth<5 feet</u>
November 1 through April 30	weekly	daily
May 1 through October 31	monthly	weekly

Water quality samples shall be collected from one up-gradient and two down-gradient monitoring wells (Attachment "C") on a monthly basis.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Nitrate-Nitrogen	mg/L	grab	monthly
Total Kjeldahl Nitrogen	mg/L	grab	monthly
Fecal Coliform Organisms	MPN/100 ml	grab	monthly

Surface Water Monitoring

Samples shall be collected from sampling stations located upstream, downstream, and from the seasonal tributary stream (Attachment D) at the east end of the Sheridan Ranch site to determine possible impacts from the wastewater treatment and disposal facilities. Samples will be collected from the seasonal stream whenever there is sufficient streamflow for sampling.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Nitrate-Nitrogen	mg/L	grab	monthly
Total Kjeldahl Nitrogen	mg/L	grab	monthly
Fecal Coliform Organisms	MPN/100 ml	grab	monthly

REPORTING

Monthly monitoring reports shall be submitted to the Regional Water Board for each month by the last day of the following month. The results of all water quality monitoring performed will be submitted in the monthly monitoring reports. In reporting the monitoring data, the Dischargers shall arrange the data in tabular form on an 8 1/2- by 11-inch sheet so that the date, the constituents, and the concentrations and location of the sampling point are readily discernible. The data shall be summarized in such a manner as to illustrate clearly the compliance with waste discharge requirements.

Ordered by _____

Susan A. Warner
Executive Officer

March 28, 2002